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FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO.: 1714-0012	SERIAL NO.: To be assigned
	APPLICANT: Richard H. Wagner	
	FILED: Herewith	GROUP ART UNIT: To be assigned

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
<i>SP</i>	AA	3,668,653	06/06/1972	Fair et al.			
	AB	4,410,962	10/18/1983	Daniels et al.			
	AC	4,438,511	03/20/1984	Baran			
	AD	4,577,152	03/18/1986	Macovski			
	AE	4,620,153	10/28/1986	Hino			
	AF	4,625,171	11/25/1986	Sekihara et al.			
	AG	4,625,276	11/25/1986	Benton et al.			
	AH	4,707,592	11/17/1987	Ware			
	AI	4,724,521	02/09/1988	Carron et al.			
	AJ	Re 32,701	06/21/1988	Moran			
<i>SP</i>	AK	4,755,940	07/05/1988	Drachtl et al.			

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
<i>SP</i>	AL	WO 95/16971	22/06/1995	PCT			Yes No
<i>SP</i>	AM	WO 96/41286	19/12/1996	PCT			Yes No
<i>SP</i>	AN	WO 97/01137	01/09/1997				Yes No
	AO						Yes No
	AP						Yes No




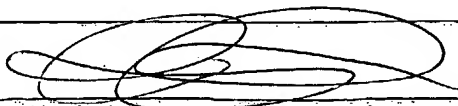
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
<i>SP</i>	AQ	1	"Europay Members Forum", Europay International, May 8, 2001, (3 pages).
<i>SP</i>	AR	1	"NCR 2170 Hospitality Workstation Designed for Bars, Restaurants", AT&T News Release, February 2, 1993, (2 pages).
<i>SP</i>	AS	1	"AT&T to Increase Smart Card Reliability, Expand Memory to 8KB", AT&T News Release, April 8, 1994, (2 pages).

EXAMINER	DATE CONSIDERED 7/28/09
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.	

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U.S. PATENT DOCUMENTS							
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<i>SP</i>	BA	4,774,655	09/27/1988	Kollin et al.			
	BB	4,787,035	11/22/1988	Bourne			
	BC	4,799,156	01/17/1989	Shavit et al.			
	BD	4,815,029	03/21/1989	Barker et al.			
	BE	4,847,604	07/11/1989	Doyle et al.			
	BF	4,885,777	12/05/1989	Takaragi et al.			
	BG	4,901,223	02/13/1990	Rhyne			
	BH	4,912,303	03/27/1990	Danielson et al.			
	BI	4,926,325	05/15/1990	Benton et al.			
	BJ	4,942,532	07/17/1990	Mori			
<i>SP</i>	BK	4,942,552	07/17/1990	Merrill et al.			
FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	BL						Yes No
	BM						Yes No
	BN						Yes No
	BO						Yes No
	BP						Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
<i>SP</i>	BQ	2	"AT&T and NCR Offer Smart Card Upgrade Kits for Bank ATMs", AT&T News Release, November 17, 1993, (2 pages).				
	BR	2	"The Smart Card Cashes In", The Economist, January 29, 1994, (2 pages).				
<i>SP</i>	BS	2	"NCR 7450 Terminal Brings ATM-style Interface to Point-of-Sale", AT&T News Release, October 11, 1993, (4 pages).				
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	CA	4,947,028	08/07/1990	Gorog			
	CB	4,949,248	08/14/1990	Caro			
	CC	4,962,531	10/09/1990	Sipman et al.			
	CD	4,965,742	10/23/1990	Skeirik			
	CE	4,972,463	11/20/1990	Danielson et al.			
	CF	5,014,221	05/07/1991	Mogul			
	CG	5,018,196	05/21/1991	Takaragi et al.			
	CH	5,021,949	06/04/1991	Morten et al.			
	CI	5,025,373	06/18/1991	Keyser, Jr. et al.			
	CJ	5,036,461	07/30/1991	Elliot et al.			
		CK	5,036,484	McCoy et al.	07/30/1991		
FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	CL						Yes No
	CM						Yes No
	CN						Yes No
	CO						Yes No
	CP						Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
	CQ	3	"Mastercard Smart Card Milestones", MasterCard International Press Office, March 5, 2001, (3 pages).				
	CR	3	Svigs, Jerome, "Microchip Smart Cards Will Save Money", American Banker, February 2, 1994, (1 page).				
	CS	3	Barthel, Matt, "Fears of Crime at ATMs are on the Rise", American Banker, March 30, 1994, (1 page).				
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
<i>SP</i>	DA	5,046,094	09/03/1991	Kawamura et al.			
	DB	5,047,923	09/10/1991	Elstner et al.			
	DC	5,083,262	01/21/1992	Haff, Jr.			
	DD	5,103,478	04/07/1992	Matyas et al.			
	DE	5,113,517	05/12/1992	Beard et al.			
	DF	5,119,465	06/02/1992	Jack et al.			
	DG	5,146,499	09/08/1992	Geffroin			
	DH	5,146,553	09/08/1992	Noguchi et al.			
	DI	5,148,481	09/15/1992	Abraham et al.			
	DJ	5,149,945	09/22/1992	Johnson et al.			
<i>SP</i>	DK	5,161,222	11/03/1992	Monteio et al.			
FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	DL						Yes No
	DM						Yes No
	DN						Yes No
	DO						Yes No
	DP						Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
<i>SP</i>	DQ	4	"Smart Card Forum Publication List", Smart Card Forum, March 2, 2001, (7 pages).				
<i>SP</i>	DR	4	"Appendix: Major Electronic Purse Projects, By Country", Pages 35-50 and 52-64, Date Unknown (29 pages).				
<i>SP</i>	DS	4	O'Kelly, Robin, "Mondex 'Global Electronic Cash' Wins Helsinki Award", September 8, 1996, (2 pages).				
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U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	EA	5,179,690	01/12/1993	Ishikawa			
	EB	5,195,130	03/16/1993	Weiss et al.			
	EC	5,202,828	04/13/1993	Vertelney et al.			
	ED	5,204,947	04/20/1993	Bernstein et al.			
	EE	5,206,951	04/27/1993	Khoyi et al.			
	EF	5,212,369	05/18/1993	Karlisch et al.			
	EG	5,220,501	06/15/1993	Lawlor et al.			
	EH	5,220,380	06/15/1993	Hirata et al.			
	EI	5,239,662	08/24/1993	Danielson et al.			
	EJ	5,243,284	09/07/1993	Noll			
	EK	5,256,863	10/26/1993	Ferguson et al.			
FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
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	EM						Yes No
	EN						Yes No
	EO						Yes No
	EP						Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
	EQ	5	"White Paper - The Euro in the Electronic Purse", April 2000, (5 pages).				
	ER	5	"History of Gemplus", Gemplus, March 2, 2001, (3 pages).				
	ES	5	Pauli, Ralf and Koponen, Risto, "Toward Electronic Money", Bank of Finland Bulletin, April 1997, (3 pages).				
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
<i>DB</i>	FA	5,272,754	12/21/1993	Boerbert			
	FB	5,274,821	12/28/1993	Rouquie			
	FC	5,276,312	01/04/1994	McCarthy			
	FD	5,277,192	01/11/1994	Cumoulin			
	FE	5,278,955	01/11/1994	Forte et al.			
	FF	5,278,972	01/11/1994	Baker et al.			
	FG	5,294,782	03/15/1994	Kumar			
	FH	5,297,249	03/22/1994	Bernstein et al.			
	FI	5,307,411	04/26/1994	Anvret et al.			
	FJ	5,307,499	04/26/1994	Yin			
	FK	5,309,351	05/03/1994	McCain et al.			

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	FL						Yes No
	FM						Yes No
	FN						Yes No
	FO						Yes No
	FP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

<i>DB</i>	FQ	6	"A Frequently Asked Questions List (FAQ) for <u>alt.technology.smartcards</u> ", Estonian Institute of Cybernetics, July 4, 1995, (12 pages).				
	FR	6	Husemann, Dirk, "The Smart Card: Don't Leave Home Without It", Institute of Electrical and Electronics Engineers, Inc., September 18, 2000, (9 pages).				
<i>DB</i>	FS	6	"Report to the Council of The European Monetary Institute on Prepaid Cards", The Working Group on EU Payment Systems, May 1994, (12 pages).				



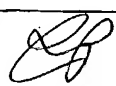

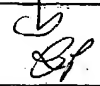
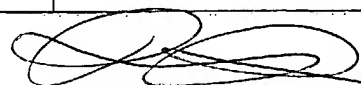
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DATE CONSIDERED

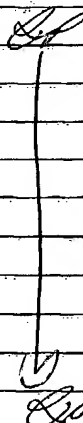
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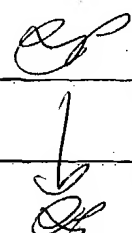
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	GA	5,321,806	06/14/1994	Meinert et al.			
	GB	5,321,808	06/14/1994	Rupp			
	GC	5,347,580	09/13/1994	Molva et al.			
	GD	5,347,632	09/13/1994	Filepp et al.			
	GE	5,349,678	09/20/1994	Morris et al.			
	GF	5,351,296	09/27/1994	Sullivan			
	GG	5,367,572	11/22/1994	Weiss			
	GH	5,367,635	11/22/1994	Bauer et al.			
	GI	5,373,561	12/13/1994	Haber et al.			
	GJ	5,377,191	12/27/1994	Farrell et al.			
	GK	5,379,344	01/03/1995	Larsson et al.			
FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	GL						Yes No
	GM						Yes No
	GN						Yes No
	GO						Yes No
	GP						Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
	GQ	1	Banerjee, Ram, "Smart Card Standards and Electronic Purse, A Review Paper", Aston University, May 1997, (20 pages).				
	GR	1	Townend, Robin C., "Finance: History, Development & Market Overview", The International Smart Card Industry Guide, 1995-1996, (23 pages).				
	GS	1	Monod, Elsbeth Marikje, "Case Study: The Multi-Functional Smart Carte Sante", The International Smart Card Industry Guide, 1995-1996, (8 pages).				
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U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	HA	5,386,517	01/31/1995	Sheth et al.			
	HB	5,390,314	02/14/1995	Swanson			
	HC	5,418,908	05/23/1995	Keller et al.			
	HD	5,461,217	10/24/1995	Claus			
	HE	5,475,585	12/12/1995	Bush			
	HF	5,475,858	12/12/1995	Gupta et al.			
	HG	5,497,487	03/05/1996	Fortier			
	HH	5,499,343	03/12/1996	Pettus			
	HI	5,510,710	04/23/1996	Nauerth			
	HJ	5,511,122	04/23/1996	Atkinson			
	HK	5,517,569	05/14/1996	Clark			

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	HL						Yes No
	HM						Yes No
	HN						Yes No
	HO						Yes No
	HP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	HQ	8	Smith, Jack, "Smart Card Industry Review 1995", Smart Card Monthly Newsletter, January 1996, (6 pages).
	HR	8	Crotch-Harvey, Trevor, "Smart Cards in Telecoms", The International Smart Card Industry Guide, 1995-1996, (14 pages).
	HS	8	Farmer, Donna and Tonnac, Remy de, "What's So Smart About Smart Cards", Gemplus, October 10, 2000, (1 page).

EXAMINER

DATE CONSIDERED

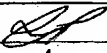

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FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO.: 1714 0012	SERIAL NO.: To be assigned
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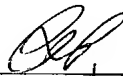

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
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	IB	5,526,037	06/11/1996	Cortjens et al.			
	IC	5,526,409	06/11/1996	Conrow et al.			
	ID	5,530,844	06/25/1996	Phillips et al.			
	IE	5,544,320	08/06/1996	Konrad			
	IF	5,544,161	08/06/1996	Bigham et al.			
	IG	5,544,246	08/06/1996	Mandelbaum et al.			
	IH	5,546,582	08/13/1996	Brockmeyer et al.			
	II	5,548,721	08/20/1996	Denslow			
	IJ	5,550,561	08/27/1996	Ziarno			
	IK	5,550,984	08/27/1996	Gelb			
FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
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	IM						Yes No
	IN						Yes No
	IO						Yes No
	IP						Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
GP ↓ GP	IQ	2	"P401 Definition of a pan-European IC Card", Eurescom, March 5, 2001, (1 page).				
	IR	2	"Innovonics, Inc. Selects AMP as Manufacturer for the PC Pay Module", Innovonics News Release, May 19, 1995, (3 pages).				
	IS	2	Levy, Steven, "E-Money (That's What I Want)", Wired, December, 1994, (2 pages).				
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					7/28/04		
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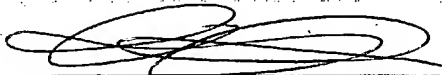
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	JA	5,552,586	09/03/1996	Kalman			
	JB	5,557,203	09/17/1996	Nauerth			
	JC	5,563,878	10/08/1996	Blakely et al.			
	JD	5,570,465	10/29/1996	Tsakanikas			
	JE	5,577,233	11/19/1996	Goettelmann			
	JF	5,581,478	12/03/1996	Cruse et al.			
	JG	5,581,686	12/03/1996	Koppolu et al.			
	JH	5,581,708	12/03/1996	Iijima			
	JI	5,583,940	12/10/1996	Vidrascu et al.			
	JJ	5,586,036	12/17/1996	Pinstov			
	JK	5,586,175	12/17/1996	Hogan et al.			





FOREIGN PATENT DOCUMENTS							
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	JL						Yes No
	JM						Yes No
	JN						Yes No
	JO						Yes No
	JP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	JQ	10	Fickenscher, Lisa, "Banc One Gears Up to Go National With Its Microchip Smart Cards", American Banker, January 27, 1994 (2 pages).
	JR	10	Strachman, Daniel and Kutler, Jeffrey, "Convention Goers See Bank Future in Smart Cards", American Banker, November 30, 1993, (1 page).
	JS	10	Meece, Mickey, "First Data Strengthens Position in Card Processing", American Banker, December 21, 1993, (1 page).

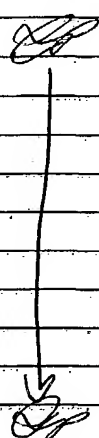
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FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO.: 1714-0012	SERIAL NO.: To be assigned
	APPLICANT: Richard H. Wagner	
	FILED: Herewith	GROUP ART UNIT: To be assigned

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
 ↓	KA	5,590,038	12/31/1996	Pitroda			
	KB	5,590,181	12/31/1996	Hogan et al.			
	KC	5,590,196	12/31/1996	Moreau			
	KD	5,590,197	12/31/1996	Chen et al.			
	KE	5,590,199	12/31/1996	Krajewski, Jr. et al.			
	KF	5,594,910	01/14/1997	Filepp et al.			
	KG	5,602,905	02/11/1997	Metke			
	KH	5,602,915	02/11/1997	Campana et al.			
	KI	5,602,918	02/11/1997	Chen et al.			
	KJ	5,604,802	02/18/1997	Holloway			
	KK	5,606,493	02/25/1997	Duscher et al.			
FOREIGN PATENT DOCUMENTS							
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	KM						Yes No
	KN						Yes No
	KO						Yes No
	KP						Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
 ↓	KQ	11	Kutler, Jeffrey, "Prepaid Cards, Even in Concept Stage, Sparking Interest Among Consumers", American Banker, April 27, 1994, (1 page).				
	KR	11	Kutler, Jeffrey, "Visa Starts Push for Smart Card to Replace Cash", American Banker, March 22, 1994, (2 pages).				
	KS	11	"AT&T Introduces Enhanced Multimedia Interface for ATM Networks", AT&T News Release, May 4, 1994, (2 pages).				
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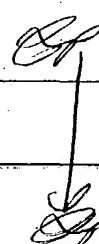


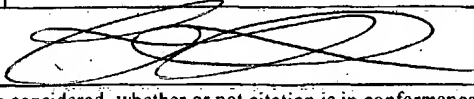
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U.S. PATENT DOCUMENTS							
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	LA	5,613,012	03/18/1997	Hoffman et al.			
	LB	5,613,096	03/18/1997	Danknick			
	LC	5,615,251	03/25/1997	Hogan et al.			
	LD	5,623,547	04/22/1997	Jones et al.			
	LE	5,630,101	05/13/1997	Sieffert			
	LF	5,633,919	05/27/1997	Hogan et al.			
	LG	5,638,430	06/10/1997	Hogan et al.			
	LH	5,640,193	06/17/1997	Wellner			
	LI	5,642,485	06/24/1997	Deaton et al.			
	LJ	5,649,114	07/15/1997	Deaton et al.			
	LK	5,649,118	07/15/1997	Carlisle et al.			

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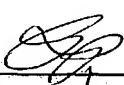
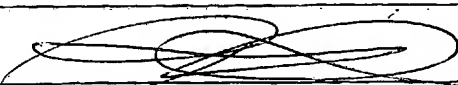
## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	LQ	12	"Trendar and AT&T Test Contactless Smart Cards at Truck Stops", AT&T News Release, February 26, 1993, (3 pages).
	LR	12	"NCR Announces 5980 Signature Capture System for Retailers", AT&T News Release, September 30, 1991, (2 pages).
	LS	12	Merckling, Roger and Anderson, Anne, "Smart Card Introduction", March 1994, (16 pages).



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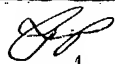

U.S. PATENT DOCUMENTS							
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	MA	5,652,876	07/29/1997	Ashe et al.			
	MB	5,655,008	08/05/1997	Futch et al.			
	MC	5,664,110	09/02/1997	Green et al.			
	MD	5,666,412	09/09/1997	Handelman et al.			
	ME	5,668,878	09/16/1997	Brands			
	MF	5,677,953	10/14/1997	Dolphin			
	MG	5,677,955	10/14/1997	Doggett et al.			
	MH	5,678,002	10/14/1997	Fawcett			
	MI	5,679,945	10/21/1997	Renner et al.			
	MJ	5,687,322	11/11/1997	Deaton et al.			
		MK	5,689,799	11/18/1997	Dougherty et al.		
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	MM						Yes No
	MN						Yes No
	MO						Yes No
	MP						Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
	MQ	13	Merckling, Roger and Anderson, Anne, "DCE Smart Card Integration", March 1994, (16 pages).				
	MR	13	"Chapter 2 - Technology", Smart Card Primer, The Schuler Consultancy, ©1993, pages 13-24 and 26-29, (16 pages).				
	MS	13	"CP8® PRODUCTS, PASCAM, Network Security Processor", January 1994, (4 pages).				
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	NA	5,694,471	12/02/1997	Chen et al.			
	NB	5,694,546	12/02/1997	Reisman			
	NC	5,696,903	12/09/1997	Mahany			
	ND	5,703,795	12/30/1997	Mankovitz			
	NE	5,706,273	01/06/1998	Guerreri			
	NF	5,708,780	01/13/1998	Levergood et al.			
	NG	5,708,782	01/13/1998	Larson et al.			
	NH	5,708,825	01/13/1998	Sotomayor			
	NI	5,710,884	01/20/1998	Dedrick			
	NJ	5,715,314	02/03/1998	Payne et al.			
	NK	5,722,754	03/03/1998	Langner			

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	NM						Yes No
	NN						Yes No
	NO						Yes No
	NP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	NQ	14	"Notes on Open Networks and Device Addressing", IBM Corporation, April 25, 2001, (19 pages).				
	NR	14	Chakrabarti, Samdih, Knight, James and Thies, Bill, "A Centralized Smart Card System Utilizing Distributed Proxies", 2000, University of Leeds, (16 pages).				
	NS	14	"Single-Issuer Multiple Uses", Smart Card Primer, The Schuler Consultancy, ©1993, (3 pages).				

EXAMINER

DATE CONSIDERED

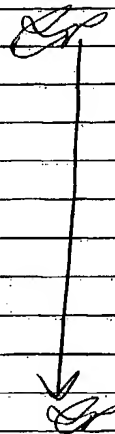
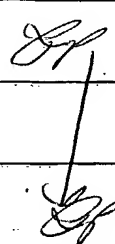
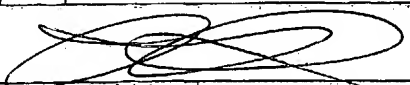
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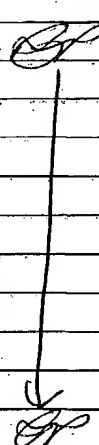
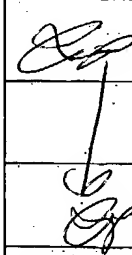

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U.S. PATENT DOCUMENTS							
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<i>SP</i>	OA	5,724,506	03/03/1998	Cleron et al.			
	OB	5,729,549	03/17/1998	Kostreski et al.			
	OC	5,732,219	03/24/1998	Blumer et al.			
	OD	5,734,720	03/31/1998	Salganicoff			
	OE	5,742,845	04/21/1998	Wagner			
	OF	5,742,931	04/21/1998	Spiegelhoff et al.			
	OG	5,748,908	05/05/1998	Yu			
	OH	5,754,655	05/19/1998	Hughes et al.			
	OI	5,756,978	05/26/1998	Soltesz et al.			
	OJ	5,758,257	05/26/1998	Herz et al.			
<i>SP</i>	OK	5,778,067	07/07/1998	Jones et al.			
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	ON						Yes No
	OO						Yes No
	OP						Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
<i>SP</i>	OQ	15	Sazegar, Hossein, "The Impact of Smart Cards in the Global Payphone Business", Schlumberger Technologies, ©1992, (11 pages).				
	OR	15	Derksen, Eduard, "Money-Bit: The Open Off-Host Prepaid Card System", Ascom Autelca, Ltd., Date Unknown, (10 pages).				
	OS	15	Corzo, Gerardo, "Credişa's Elite Card System", Date Unknown, (5 pages).				
EXAMINER					DATE CONSIDERED		
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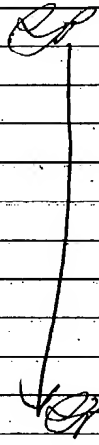




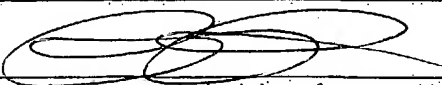
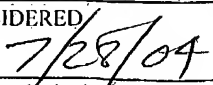
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U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	PA	5,781,189	07/14/1998	Holleran et al.			
	PB	5,799,156	08/25/1998	Hogan et al.			
	PC	5,805,719	09/08/1998	Parc, Jr. et al.			
	PD	5,805,807	09/08/1998	Hanson et al.			
	PE	5,809,415	09/15/1998	Rossmann			
	PF	5,815,577	09/29/1998	Clark			
	PG	5,815,657	09/29/1998	Williams et al.			
	PH	5,819,092	10/06/1998	Ferguson et al.			
	PI	5,826,245	10/20/1998	Sandberg-Diment			
	PJ	5,838,906	11/17/1998	Doyle et al.			
	PK	5,850,442	12/15/1998	Mufic			
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	PL						Yes No
	PM						Yes No
	PN						Yes No
	PO						Yes No
	PP						Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
	PQ	16	Cordonnier, Vincent M., "Assessing the Future of Smart Cards", Cardtech, Date Unknown, (7 pages).				
	PR	16	"NatWest Launch Mondex Global Electronic Cash", Smart Card News, Ltd., December 1993, (7 pages).				
	PS	16	Merkert, Sr., Robert J., "Stored Value Cards and The Electronic Purse: Developments in the Americas", Danyl Corporation, ©1995, (8 pages).				
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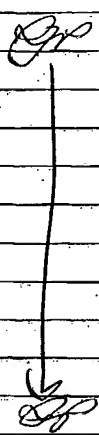
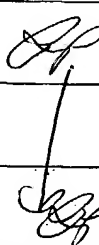
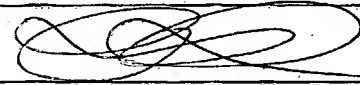
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	QA	5,851,149	12/22/1998	Xidos et al.			
	QB	5,854,833	12/29/1998	Hogan et al.			
	QC	5,867,821	02/02/1999	Ballantyne et al.			
	QD	Re. 36,310	09/21/1999	Bjerrum et al.			
	QE	5,870,552	02/09/1999	Dozier et al.			
	QF	5,870,724	02/09/1999	Lawlor et al.			
	QG	5,873,099	02/16/1999	Hogan et al.			
	QH	5,884,292	03/16/1999	Baker et al.			
	QI	5,889,863	03/30/1999	Weber			
	QJ	5,931,917	08/03/1999	Nguyen et al.			
	QK	5,933,816	08/03/1999	Zeanah et al.			
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
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	QM						Yes No
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	QO						Yes No
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
	QQ	17	"CP8® Products, PinPadLINK, Readers/Encoders", Dactyl France, June 1993, (2 pages).				
	QR	17	"Smart Security", Byte Talk, February, 1994, (2 pages).				
	QS	17	Verschuren, Ton, "Smart Access: Strong Authentication on the Web", April 24, 2001, (10 pages).				
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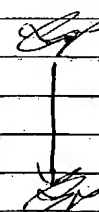
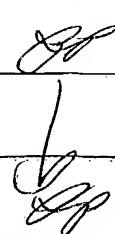
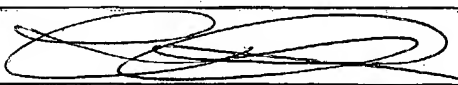
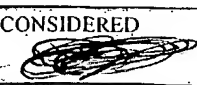
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	RB	5,960,216	09/28/1999	Vishlitzky et al.			
	RC	5,963,205	10/05/1999	Sotomayor			
	RD	5,973,731	10/26/1999	Schwab			
	RE	5,978,569	11/02/1999	Traeger			
	RF	5,978,773	11/02/1999	Hudetz et al.			
	RG	5,982,891	11/09/1999	Ginter et al.			
	RH	5,983,004	11/09/1999	Shaw et al.			
	RI	5,987,312	11/16/1999	Dekker			
	RJ	5,996,076	11/30/1999	Rowney et al.			
	RK	6,085,224	07/04/2000	Wagner			
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
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	RM						Yes No
	RN						Yes No
	RO						Yes No
	RP						Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
	RQ	18	"PKCS #11: New Member of Public Key Cryptography", RSA Data Security, Inc., January 12, 1994, (2 pages).				
	RR	18	Petri, Steve, "An Introduction to Smartcards", Litronic, Inc., ©1998, (2 pages).				
	RS	18	Violino, Bob, "The Cashless Society", InformationWeek, October 11, 1993, (5 pages).				
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


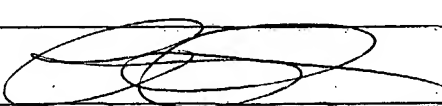
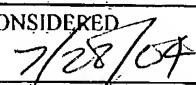
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	SB	6,175,922 B1	01/16/2001	Wang			
	SC	6,182,052	01/30/2001	Fulton et al.			
	SD	6,205,437	03/20/2001	Gifford			
	SE	6,208,904	03/27/2001	Mullen, Jr.			
	SF	6,212,575 B1	04/03/2001	Cleron et al.			
	SG	6,226,744 B1	05/01/2001	Murphy et al.			
	SH	6,226,752 B1	05/01/2001	Gupta et al.			
	SI	6,253,027 B1	06/26/2001	Weber et al.			
	SJ	6,275,869	08/14/2001	Sieffert et al.			
	SK	6,279,112 B1	08/21/2001	O'Toole, Jr., et al.			
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	SM						Yes No
	SN						Yes No
	SO						Yes No
	SP						Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
	SQ	19	Merkert, Sr., Robert J., 'Keynote Presentation for the AIC Conference, Auckland, New Zealand', Danyl Corporation, ©1995, (4 pages).				
	SR	19	"Videoway's Experience Shows a New Approach to the Interactive Opportunity", Inside Cable and Telecom Services, June 1995, (3 pages).				
	SS	19	Bull CP8® News, Products and Technologies, No. 22, October 1994, (2 pages).				
EXAMINER 					DATE CONSIDERED 7/28/04		
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.							



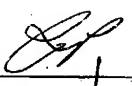


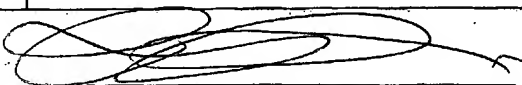
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	APPLICANT: Richard H. Wagner	
	FILED: Herewith	GROUP ART UNIT: To be assigned

U.S. PATENT DOCUMENTS							
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	TA	6,282,656 B1	08/28/2001	Wang		/	
	TB	6,283,375	09/04/2001	Wiltz, Sr. et al.			
	TC	6,470,326 B1	10/22/2002	Drummond et al.			
	TD	6,505,177 B1	01/07/2003	Drummond et al.			
	TE	6,539,361 B1	03/25/2003	Richards et al.			
	TF						
	TG						
	TH						
	TI						
	TJ						
	TK						
FOREIGN PATENT DOCUMENTS							
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	TM						Yes No
	TN						Yes No
	TO						Yes No
	TP						Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
	TQ	20	Bull CP8® Systems Product Sheet, September 1994, (2 pages).				
	TR	20	"One Store's Comprehensive Loyalty Program - The Takashimaya Experience", Verifone, Inc., ©1994, (4 pages).				
	TS	20	"Mondex Payments Scheme", Smart Card News Ltd., December 1993, (2 pages).				
EXAMINER 					DATE CONSIDERED  7/28/04		
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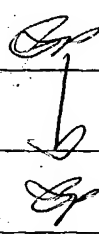
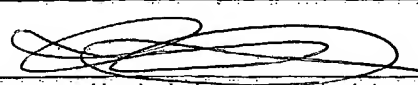
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	APPLICANT: Richard H. Wagner	
	FILED: Herewith	GROUP ART UNIT: To be assigned

U.S. PATENT DOCUMENTS							
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	UH						
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	UJ						
	UK						
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	UM						Yes No
	UN						Yes No
	UO						Yes No
	UP						Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
	UQ	221	"Why Consumers Are Still Carrying Cash Everywhere", Philadelphia Inquirer, June 11, 1995, (2 pages).				
	UR	221	"Electronic Payment System Architecture for Point of Sale Application", IBM Technical Disclosure Bulletin, January 1992, (1 page).				
	US	221	"Portable Self Checkout Retail System", IBM Technical Disclosure Bulletin, June 1992, (3 pages).				
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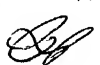
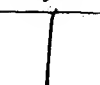


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	VN						Yes No
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	VQ	22	"Transaction Completion Code Based on Digital Signatures", IBM Technical Disclosure Bulletin, August 1985, (6 pages).				
	VR	22	"Chapter 4 - Uses", Smart Card Primer, The Schuler Consultancy, ©1993, pages 57-66, 80-83, and 87-91, (19 pages).				
	VS	22	Figure 8.5 from page 151 of Zoreda & Oton "Smart Cards", Artech House, ©1994, (1 page).				
EXAMINER 					DATE CONSIDERED 7/28/04		
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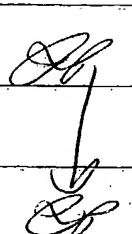
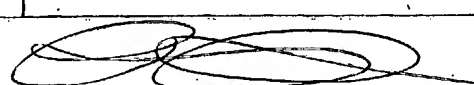
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	WQ	23	"Internet Music Library Process", Date Unknown, (1 page).				
	WR	23	Bibliography for "CITM Working Paper WP-95-1005: Designing Electronic Catalogs for Business Value: Results from the CommerceNet Pilot", Date Unknown, (3 pages).				
	WS	23	Van Hove, Leo, Bibliography on Electronic Purches, Date Unknown, (4 pages).				
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					7/28/04		
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U.S. PATENT DOCUMENTS							
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	XH						
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	XM						Yes No
	XN						Yes No
	XO						Yes No
	XP						Yes No
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	XQ	24	Bibliography for "CITM Working Paper WP-95-1006: Financial EDI Over the Internet: A Case Study", Date Unknown, (5 pages).				
	XR	24	Bibliography for Hawkes, P.L., Davies, Donald W., and Price, W.L., "Integrated Circuit Cards, Tags, and Tokens: New Technology and Applications", Oxford; Boston: BSP Professional, ©1990, (1 page).				
	XS	24	Bibliography for Devargas, M., "Smart Cards and Memory Cards", Oxford; Blackwell NCC, ©1992, (1 page).				
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	YN						Yes No
	YO						Yes No
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
	YQ	25	Bibliography for Svigals, Jerome, "Smart Cards: The New Bank Cards", New York: Macmillan; London: Collier Macmillan Publishers, ©1987, (1 page).				
	YR	25	Bibliography for Bright, Roy, "Smart Cards: Principles, Practice, Applications", Chichester [England]: Ellis Horwood; New York: Halsted Press, ©1988, (1 page).				
	YS	25	Bibliography for Svigals, Jerome, "Smart Cards: The Ultimate Personal Computer", New York: Macmillan Publishing Co.; London: Collier Macmillan, ©1985, (1 page).				
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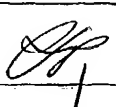
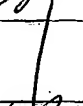

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U.S. PATENT DOCUMENTS							
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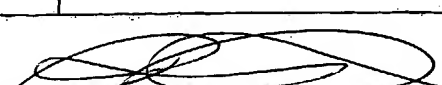
  

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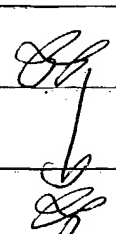
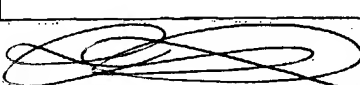
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
	ZQ	26	Bibliography for "Applications of Computer Card Technology", Washington, D.C., U.S. Dept. of Labor, Office of the Inspector General, [1990], (1 page).
	ZR	26	German article entitled "Erfahrungen Mit Einer Hochsicheren, Multifunktionalen Chipkarte für Banken Anwendungen" Date Unknown, (21 pages).
	ZS	26	Document entitled: "Dialog Search for U.S. Patent Number 5,905,908", Date Unknown", (59 pages).

EXAMINER 	DATE CONSIDERED 7/28/04
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U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
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	AAJ						
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FOREIGN PATENT DOCUMENTS							
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	AAM						Yes No
	AAN						Yes No
	AAO						Yes No
	AAP						Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
	AAQ	27	UBI Consortium Inc. Document, March 26, 2001 (2 pages).				
	AAR	27	HTML file entitled: "The Common Gateway Interface", available at <a href="http://ncsa.uiuc.edu">http://ncsa.uiuc.edu</a> , circa, June 1995.				
	AAS	27	HTML file entitled: "Critique of Secure-HTTP", available at <a href="http://www.spyglass.com/secure">http://www.spyglass.com/secure</a> , April 19, 1995.				
EXAMINER 					DATE CONSIDERED 7/28/04		
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.							



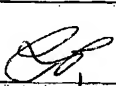
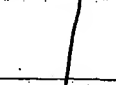

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U.S. PATENT DOCUMENTS							
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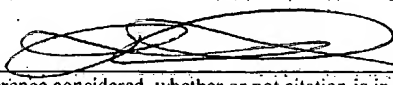
  

FOREIGN PATENT DOCUMENTS							
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	BBN						Yes No
	BBO						Yes No
	BBP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
	BBQ	28	Directory of abstracts of HTML files available from IEFT Secretariat - Corporation for National Research Initiatives; circa, June 1995.
	BBR	28	HTML file entitled: "A Beginner's Guide to HTML" available from National Center for Supercomputing Applications/pubs@ncsa.uiuc.edu; circa, June 1995.
	BBS	28	Memo entitled: "Uniform Resource Locators (URL)", by URI working group of the Internet Engineering Task Force; December 1994.

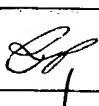

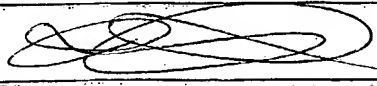
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U.S. PATENT DOCUMENTS							
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	CCN						Yes No
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	CCP						Yes No

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	CCQ	29	Press release entitled: "VeriFone to acquire Enterprise Integration Technologies (EIT), Internet Commerce Software and Services Leader", VeriFone, Inc. and Enterprise Integration Technologies; Redwood, California; August 21, 1995.
	CCR	29	Spyglass white paper entitled: "Electronic Commerce Standards for the WWW"; Spyglass, Inc. <a href="http://spyglass.com">http://spyglass.com</a> ; August 21, 1995.
	CCS	29	Memo entitled: "The Secure Hypertext Transfer Protocol"; E. Rescorla and A. Schiffman; July 1995.
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DATE CONSIDERED 7/28/04			
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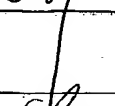
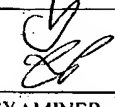
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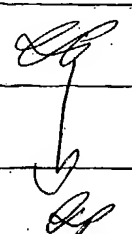
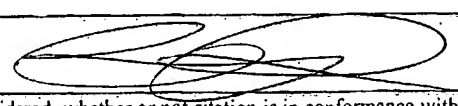
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	DDQ	30	Article entitled: "Cash on the Wirehead", Andrew Singleton, BYTE Magazine, June 1995.
	DDR	30	"Beyond the Web: Excavating the Real World Via Mosaic", Goldberg et al., 2nd International WWW Conference.
	DDS	30	"Magnetic Resonance Angiography", Radiology 1986; 161, p. 717-720, Dumoulin et al.

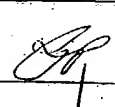

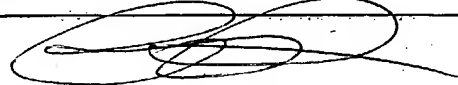
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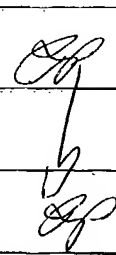
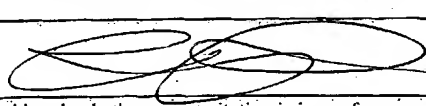
FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO.: 1714-0012	SERIAL NO.: To be assigned
	APPLICANT: Richard H. Wagner	
	FILED: Herewith	GROUP ART UNIT: To be assigned

U.S. PATENT DOCUMENTS							
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
	EEQ	31	"Velocity and Diffusion Imaging in Dynamic NMR Microscopy", JMR 91, p. 326-352, 1991, Callaghan et al.				
	EER	31	"Reduced Circular Field-of-View Imaging", MRM 40:474-480, 1998, Scheffler et al.				
	EES	31	"Measurement of Flow Using Back Projection Reconstruction: Display of Limited Regions of the Body", Young et al.				
EXAMINER					DATE CONSIDERED		
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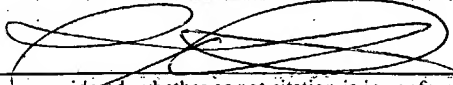
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	APPLICANT: Richard H. Wagner	
	FILED: Herewith	GROUP ART UNIT: To be assigned

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	FFO						Yes No
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
	FFQ	<u>32</u>	Salsman, James P., "Form-based Device Input and Upload in HTML", available at <a href="http://www.w3.org/1999/07/NOTE-device-upload-19990706">http://www.w3.org/1999/07/NOTE-device-upload-19990706</a> , Cisco Systems, © 1999, July 6, 1999 (9 pages).				
	FFR	<u>32</u>	Memo entitled: "Form-based File Upload in HTML", E. Nebel and L. Masinter, Network Working Group of Xerox Corporation, November 1995 (12 pages).				
	FFS	<u>32</u>	HTML file entitled: "HTML 3.0 Draft (Expired!) Materials", available at <a href="http://www.w3.org/MarkUp/html3">http://www.w3.org/MarkUp/html3</a> , December 21, 1995 (4 pages).				
EXAMINER 					DATE CONSIDERED <u>7/28/04</u>		
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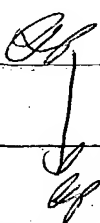
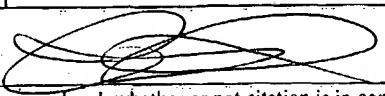
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	APPLICANT: Richard H. Wagner	
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	GGM						Yes No
	GGN						Yes No
	GGO						Yes No
	GGP						Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
	GGQ	33	Berners-Lee, T. and Connolly, D., HTML file entitled: "HyperText Markup Language Specification --2.0", available at <a href="http://www.w3.org/MarkUp/html-spec">http://www.w3.org/MarkUp/html-spec</a> , November 1995 (10 pages).				
	GGR	33	Raggett, David, HTML file entitled: "A Review of the HTML + Document Format", Hewlett Packard Laboratories, date unknown (13 pages).				
	GGs	33	Raggett, David, HTML file entitled: "10-Fill-out Forms and Input Fields", available at <a href="http://www.w3.org/MarkUp/HTMLPlus/htmlplus_41.html">http://www.w3.org/MarkUp/HTMLPlus/htmlplus_41.html</a> , November 8, 1993 (5 pages).				
EXAMINER 					DATE CONSIDERED 7/28/04		
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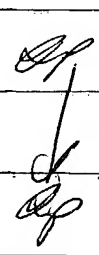

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	HH O						Yes No
	HH P						Yes No
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	HH Q	34	Raggett, David, HTML File entitled: "ISO 8879:1986", available at <a href="http://www.w3.org/MarkUp/htmlplus_paper/htmlplus.dtd">http://www.w3.org/MarkUp/htmlplus_paper/htmlplus.dtd</a> , April 5, 1994 (17 pages).				
	HH R	34	Riordan, T., "A Toll Collector on the Information Highway", <i>The New York Times</i> , Sunday, August 22, 1993, (3 pages).				
	HH S	34	Burchard et al., "Compound Documents in HTML", Internet Draft Memo, Date Unknown, (14 pages).				
EXAMINER					DATE CONSIDERED		
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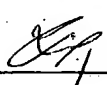
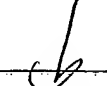

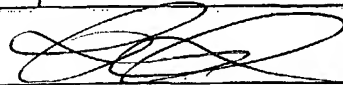
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	IIQ	35	Press Release, "Netscape Introduces Netscape Navigator 2.0", Netscape Company Press Relations, September 18, 1995, (3 pages).				
	IIR	35	Stabell, B., "The EMBED Tag by Netscape (v2.0), September 19, 1995, (9 pages).				
	IIS	35	Article entitled, "Eolas Sues Microsoft for Infringement of Patent for Fundamental Web Browser Technology That Makes "Plug-Ins" and "Applets" Possible", Chicago, Illinois, February 2, 1999, (2 pages).				
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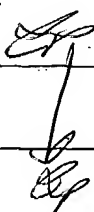
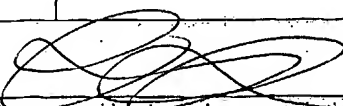
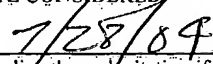
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	JJO						Yes No
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	JJQ	36	Soltong, S., "Quick HTML Basics", Date Unknown, (12 pages).				
	JJR	36	Ang et al., "Integrated Control of Distributed Volume Visualization Through the World-Wide-Web", October 30, 2001, (8 pages).				
	JJS	36	Krajewski, Jr., et al., "Applicability of Smart Cards to Network User Authentication", <i>Computing Systems</i> , Vol. 7, No. 1, Winter 1994, (15 pages).				
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


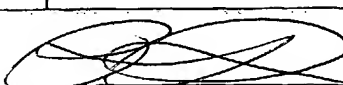
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	KKO						Yes No
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
	KKQ	37	"Financial Institution Sign-On Authentication for Wholesale Financial Transactions", American National Standards Institute, X9.26, February 28, 1990, (35 pages).				
	KKR	37	Kohl et al., "The Evolution of Kerberos Authentication Service", Date Unknown, (15 pages).				
	KKS	37	Cordonnier et al., "Time as an Aid to Improving Security in Smart Cards", Date Unknown, (14 pages).				
EXAMINER 					DATE CONSIDERED 7/28/04		
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U.S. PATENT DOCUMENTS							
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
	LLQ	38	Cordonnier et al., "The Concept of Suspicion: A New Security Model for Identification Management in Smart Cards", Date Unknown, (14 pages).				
	LLR	38	Haykin et al., "Computer Science and Technology - Smart Card Technology: New Methods for Computer Access Control", U.S. Department of Commerce, National Technical Information Service, September 1998, (55 pages).				
	LLS	38	Rescorla et al., "The Secure HyperText Transfer Protocol", Internet Draft Memo, December 1994, (29 pages).				
EXAMINER					DATE CONSIDERED		
							
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	MMQ	39	Takei, D., "Videotex Information System and Credit System Connecting with MARS-301 of JNR", <i>Japanese Railway Engineering</i> , No. 95, September 1985, (5 pages).				
	MMR	39	Pongratz et al., "IC Cards in Videotex Systems", <i>Smart Card 2000: The Future of IC Cards</i> , International Conference, October 19-20, 1987, (9 pages).				
	MMS	39	Neuman, B.C., "Security, Payment, and Privacy for Network Commerce", <i>IEEE Journal on Selected Areas in Communication</i> , Vol. 13, No. 8, October 1995, (8 pages).				
EXAMINER 					DATE CONSIDERED 7/28/04		
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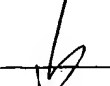

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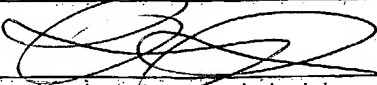
  

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
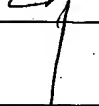
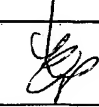
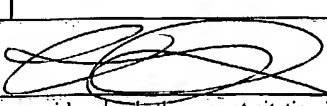
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	NNQ	40	Zilles, S.N., "Catalog-Based Order Entry System", IBM Technical Disclosure Bulletin, Vol. 25, No. 11B, April 1983, (3 pages).
	NNR	40	Article entitled, "PKCS #11: New Member of Public Key Cryptography", available online at <a href="http://www.rsasecurity.com/news/pr/940112-1.html">http://www.rsasecurity.com/news/pr/940112-1.html</a> , January 12, 1994, (12 pages).
	NNS	40	Kessler, J., "The French Minitel: Is There Life Outside of the 'US ASCII' Internet? A Challenge of Convergence", D-Lib Magazine, December 1995, (10 pages).

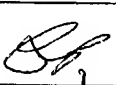

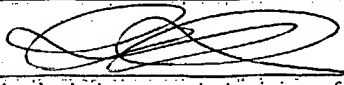
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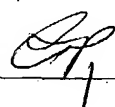

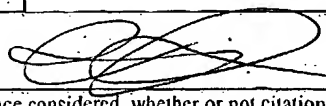
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U.S. PATENT DOCUMENTS							
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	OOQ	41	Schöter et al., "Digital Money Online, A Review of Some Existing Technologies", Intertrader Ltd., ©February 1997, (60 pages).				
	OOR	41	Sutherland, E., "The Quickening Pace of Technology", ©1995, (3 pages).				
	OOS	41	Article entitled "NetBill: An Internet Commerce System Optimized for Network Delivered Services", Date Unknown, (9 pages).				
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	PPP						Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
	PPQ	42	Reagle, Jr., et al., expanded bibliography for "Papers Describing the Operation of Electronic Commerce Protocols", Date Unknown, (3 pages).				
	PPR	42	Article entitled "ISO/IEC 7816 Part 4: Interindustry Command for Interchange", November 26, 1998, (77 pages).				
	PPS	42	1991 Statement on Role of NIST, available online at <a href="http://csrc.nist.gov/publications/nistbul/cs191-02.txt">http://csrc.nist.gov/publications/nistbul/cs191-02.txt</a> , June 17, 1992, (38 pages).				
EXAMINER 					DATE CONSIDERED 7/28/04		
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	APPLICANT: Richard H. Wagner	
	FILED: Herewith	GROUP ART UNIT: To be assigned

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	QQA						
	QQB						
	QQC						
	QQD						
	QQE						
	QQF						
	QQG						
	QQH						
	QQI						
	QQJ						
	QQK						
FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	QQL						Yes No
	QQM						Yes No
	QQN						Yes No
	QOO						Yes No
	QQP						Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
	QQQ	43	Kirkman, P., "Electronic Funds Transfer Systems: The Revolution in Cashless Banking and Payment Methods", ©1987, (14 pages).				
	QQR	43	Fancher, C., "Smart Cards: As Potential Applications Grow, Computers in the Wallet are Making Unobtrusive Inroads", <i>Scientific American</i> , Date Unknown, (10 pages).				
	QQS	43	Walsh, E., "Smart Card Standards", Datapro Information Services, August 25, 2000, (10 pages).				
EXAMINER 					DATE CONSIDERED 7/28/04		
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

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U.S. PATENT DOCUMENTS							
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	RRE						
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	RRK						
FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
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	RRM						Yes No
	RRN						Yes No
	RRO						Yes No
	RRP						Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
	RRQ	44	Article entitled "The Birth of Smart Cards: 1980", Le Courier de la Monétique, Date Unknown, (2 pages).				
	RRR	44	Article entitled "The Birth of Smart Cards: 1981", Le Courier de la Monétique, Date Unknown, (3 pages).				
	RRS	44	Article entitled "The Birth of Smart Cards: 1982", Le Courier de la Monétique, Date Unknown, (2 pages).				
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U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	SSA						
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	SSC						
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	SSH						
	SSSI						
	SSJ						
	SSK						

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
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	SSM						Yes No
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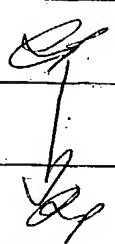
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	SSQ	45	Article entitled "The Birth of Smart Cards: 1983", Le Courier de la Monétique, Date Unknown, (2 pages).
	SSR	45	Article entitled "The Birth of Smart Cards: 1984", Le Courier de la Monétique, Date Unknown, (3 pages).
	SSS	45	Article entitled "The Birth of Smart Cards: 1985", Le Courier de la Monétique, Date Unknown, (2 pages).

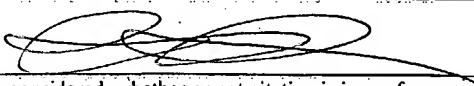
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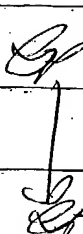
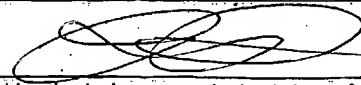
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FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
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	TTM						Yes No
	TTN						Yes No
	TTO						Yes No
	TTP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
	TTQ	46	Article entitled "The Birth of Smart Cards: 1986", Le Courier de la Monétique, Date Unknown, (2 pages).
	TTR	46	Article entitled "The Birth of Smart Cards: 1987", Le Courier de la Monétique, Date Unknown, (2 pages).
	TTS	46	Article entitled "The Birth of Smart Cards: 1988", Le Courier de la Monétique, Date Unknown, (2 pages).

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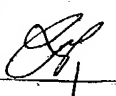

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	UUE						
	UUF						
	UUG						
	UUH						
	UUI						
	UUJ						
	UUK						
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	UUM						Yes No
	UUN						Yes No
	UUO						Yes No
	UUP						Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
	UUQ	47	Article entitled "The Birth of Smart Cards: 1989", Le Courier de la Monétique, Date Unknown, (2 pages).				
	UUR	47	Doyle, M., University of California, San Diego, Office of Continuing Medical Education, Disclosure Statement, November 30, 1993, (10 pages).				
	UUS	47	Article entitled "Workshop on Network and Distributed System Security", Privacy and Research Group, February 11-12, 1993, (5 pages).				
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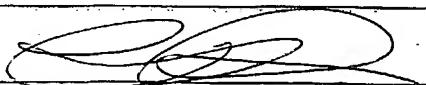
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U.S. PATENT DOCUMENTS							
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	VVG						
	VVH						
	VVI						
	VVJ						
	VVK						

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
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	VVN						Yes No
	VVO						Yes No
	VVP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)


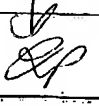
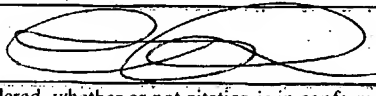
	VVQ	48	Krajewski, Jr., M., "Concept for a Smart Card Kerberos", January 22, 2002, (8 pages).
	VVR	48	Kohl et al., "The Kerberos Network Authentication Service (V5)", September 1993, (103 pages).
	VVS	48	Nebel, E., "File Upload in HTML Forms", September 23, 1994, (4 pages).

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U.S. PATENT DOCUMENTS							
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	WWG						
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	WWI						
	WWJ						
	WWK						



FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
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	WWN						Yes No
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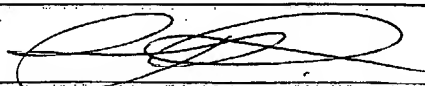
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
	WWQ	49	Raggett, D., E-mail memo entitled "Re: Request for New Forms Submission Consensus", October 12, 1993, (4 pages).
	WWR	49	Gaskell et al., "Improved Security for Smart Card Use in DCE", February 1995, (17 pages).
	WWS	49	Pato, J., "Using Pre-Authentication to Avoid Password Guessing Attacks", June 1993, (5 pages).
EXAMINER		DATE CONSIDERED	
		7/28/94	
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U.S. PATENT DOCUMENTS							
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	XXK						

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	XXL						Yes No
	XXM						Yes No
	XXN						Yes No
	XXO						Yes No
	XXP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
	XXQ	50	Shipplett, M., E-mail memo entitled "Re: Insecure WWW Access Authorization Protocol?", March 7, 1994, (3 pages).
	XXR	50	"Financial Transaction Card Originated Messages – Interchange Message Specifications", International Standard, Second Edition, December 15, 1993, (128 pages).
	XXS	50	Various articles on the subject "1994 NIST Guideline for Advanced Authentication (Smart Cards)", Date Unknown, (73 pages).




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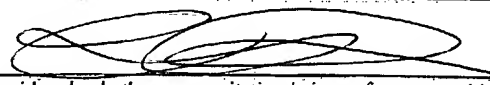
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


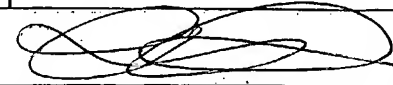
## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	YYQ	51	Allen et al., "Smart Cards: Seizing Strategic Business Opportunities", The Smart Card Forum, ©1997 The McGraw-Hill Companies, (323 pages).
	YYR	51	Fielding et al., "Hypertext Transfer Protocol - HTTP/1.1", January 1997, (162 pages).
	YYS	51	Branwyn, G., "M-O-S-A-I-C Quick Tour for Windows: Accessing & Navigating the Internet's World Wide Web", ©1994 Ventana Press, Inc., (215 pages).

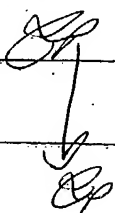
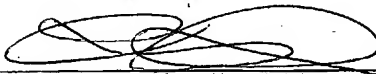
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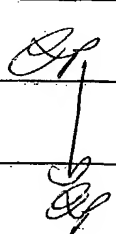
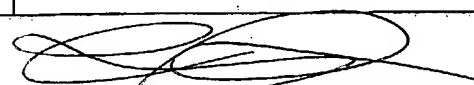
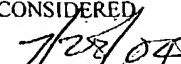
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U.S. PATENT DOCUMENTS							
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FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
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	ZZM						Yes No
	ZZN						Yes No
	ZZO						Yes No
	ZZP						Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
	ZZQ	52	Shelly et al., "Netscape Navigator: An Introduction", ©1996 Boyd & Fraser Publishing Company, (138 pages)				
	ZZR	52	James, P., "Official Netscape Navigator 2.0 Book: Windows Edition", ©1996, Ventana Press, Inc., (692 pages).				
	ZZS	52	Article entitled "A Smart Card for On-Line Home Services", ChipCord News, Issue No. 32, July 1990, (2 pages).				
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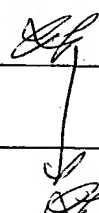
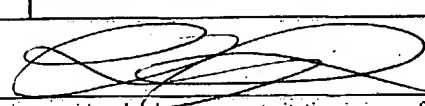
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	AAAM						Yes No
	AAAN						Yes No
	AAAO						Yes No
	AAAP						Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
	AAAQ	53	Bosak et al., "XML and the Second Generation Web", <i>Scientific American</i> , May 1999, (5 pages).				
	AAAR	53	Bencers-Lee et al., "RFC1866-Hypertext Markup Language-2.0", November 1995, (58 pages).				
	AAAS	53	Burchard et al., "Compound Documents in HTML", Internet Draft Memo, Date unknown, (14 pages).				
EXAMINER					DATE CONSIDERED		
					7/28/04		
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

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U.S. PATENT DOCUMENTS							
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	AAAO						Yes No
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
	AAAQ	53	Press Release, "Netscape Introduces Netscape Navigator 2.0", Netscape Company Press Relations, September 18, 1995, (3 pages).				
	AAAR	53	Hansen, Wilfred J., "Enhancing Documents with Embedded Programs: How Ness Extends Insets in the Andrew Toolkit", IEEE 1990, pp. 23-32, (10 pages).				
	AAAS	53	Tani, M., Yamaashi, K., Tanikoshi, K., Futakawa, M. and Tanufuji, S., "Object-Oriented Video: Interaction with Real-World Objects Through Live Video", ACM 1992, pp. 593-598, (6pages).				
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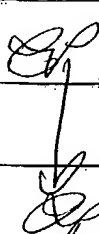
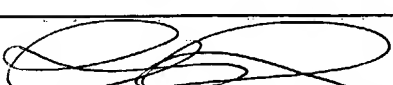
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
	AAAQ	53	Crowley, T. Milazzo, P., Baker, Forsdick, H. and Tomlinson, R., "MMConf: An Infrastructure for Building Shared Multimedia Applications", ACM 1990, pp. 329-342 (14 pages).				
	AAAR	53	Davis, H., W., Heath, I., Hill, G. and Wilkins, R., "Towards an Integrated Information Environment with Open Hypermedia Systems", ACM 1992, pp. 181-191, (10 pages).				
	AAAS	53	Ferrara, Fabrizio, M., "The KIM Query System: An Iconic Interface for the Unified Access to Distributed Multimedia Databases", SIGCHI Bulletin 1994, Vol. 26, No. 3, pp.30-39, (10 pages).				
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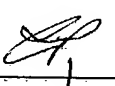

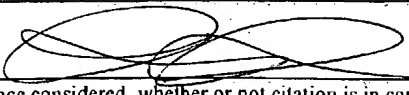
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	AAAQ	53	Gibbs, Simon, "Composite Multimedia and Active Objects", OOPSLA 1991, pp. 97-112, (16 pages).				
	AAAR	53	Davis, H. Hall, W., Pickering, A. and Wilkins, R., "Microcosm: An Open Hypermedia System", ACM, 1993, (1 page).				
	AAAS	53	Cullen, J., Day, B. and Planes, M., "The Use of FTAM to Access Graphical Pictures Across Wide Area Networks", Elsevier Science Publishers B.V. 1992, pp. 377-383, (19 pages)				
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



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	AAAQ	53	Vaziri, Arsi, "Scientific Visualization in High-Speed Network Environments", Elsevier Science Publishers B.V. 1991, pp.111-129, (19 pages).				
	AAAR	53	Lashkari, Y., Rao, S., Mhaskar, V. and Shelat, A., "PLX: A Proposal to Implement a General Broadcasting Facility in a Distributed Environment Running X Windows", Comput. & Graphics, Vol. 16, No. 2, 1992, pp. 143-149, (7 pages).				
	AAAS	53	Kirste, Thomas, "SpacePicture-An Interactive Hypermedia Satellite Image Archival System", Comput. & Graphics, Vol. 17, No. 3, 1993, pp. 251-260, (10 pages).				
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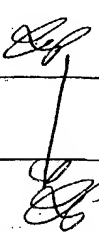
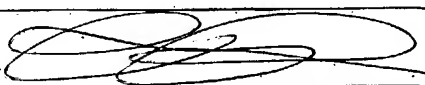
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	AAAQ	53	Coulson, G., Blair, G., Davis, N. and Williams, N. "Extensions to ANSA for Multimedia Computing", Elsevier Science Publishers B.V. 1992, pp. 305-322, (18 pages).				
	AAAR	53	Le Huynh, D., Jensen, M., Larsen, R., Southard, J., and Wang, F., "PIX: An Object-Oriented Network Graphics Environment", Comput. & Graphics, Vol. 17, No. 3, 1993, pp.295-304, (10 pages).				
	AAAS	53	Berners-Lee, T.J., Cailliau, R., and Ggoff, J., "The World-Wide Web", Elsevier Science Publishers B.V. 1992, pp. 454-459, (6 pages).				
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	AAAQ	53	Shackleford, D., Smith, J. and Sith, F. "The Architecture and Implementation of a Distributed Hypermedia Storage System", Nov., 1993, pp. 1-13, (13 pages).				
	AAAR	53	Labriola, Don, "Whiteboard Software: Remote Possibilities", PC Magazine, June 14, 1994, pp. 223-224, (2pages).				
	AAAS	53	"How We Evaluate the Whiteboard Software". PC Magazine, June 14, 1994, pp. 225-228, (4pages).				
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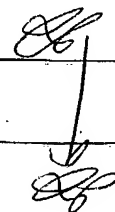

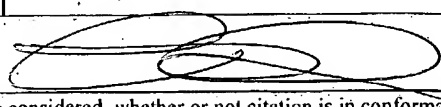
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	AAAQ	53	Udell, John, "Visual Basic Custom Controls Meet OLE", BYTE, March 1994, pp. 197-198 and 200, (3pages).				
	AAAR	53	Sarna, D. and Febish, G., "OLE Gains Without (Much) Pain", DATAMATION, June 15, 1994, pp. 31, (1page).				
	AAAS	53	Scrupski, Susan, "Outsourcing: It Could be Good", DATAMATION, June 15, 1994, pp. 32-33 and 114, (3pages).				
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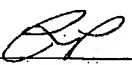


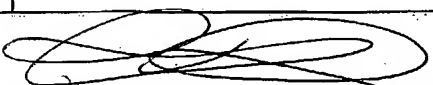
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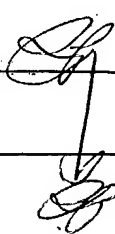
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	AAAQ	53	Rizzo, John, "What's OpenDoc?", MacUser, April 1994, pp. 119-123, (3pages).
	AAAR	53	Cello Browser Release 1.01a <a href="ftp://law.cornell.edu/pub/L11/cello">ftp://law.cornell.edu/pub/L11/cello</a> , March 16, 1994, (8 pages).
	AAAS	53	"Why Jim Clark Loves Mosaic", Wired, October 1994, pp. 118-121, 150-151 and 157, (7 pages).
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	AAAQ	53	Marovac, N. and Obburn, L., "Hypernet: A Tool to Choreograph Worldwide Distributed Hypermedia Documents", Comput. & Graphics, Vol. 16, No.2, 1992, pp.197-202, (6pages).				
	AAAR	53	Moeller, M. and Leach, N., "Microsoft Maps New OCX Plan: ActiveX seen as Web Content Platform", PC Week, March 11, 1996, Vol. 13, No. 10, pp. 1-2, (2 pages).				
	AAAS	53	"OLE 2.0: Death to Monoliths?", BYTE, March 1994, pp. 121-122, (2 pages).				
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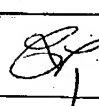

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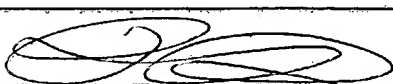
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	AAAQ	53	"Netscape Communications Offers New Network Navigator Free on the Internet", <a href="http://home.netscape.com/newsref/pr/newsrelease1.html">http://home.netscape.com/newsref/pr/newsrelease1.html</a> , January 29, 1998.				
	AAAR	53	Sackman, Gleason, "Remote Tele-Excavation via the Web", Tele-robotics, Vol. 11, Issue 9, (1 page).				
	AAAS	53	Wolf, Gary, "The (Second Phase of) the Revolution has Begun", WIRED, October 1994, pp. 16-17, (2 pages).				
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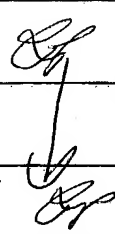
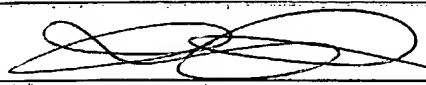
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

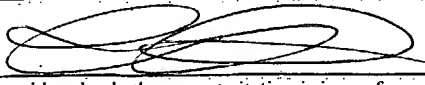
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	AAAR	53	Moran, Patrick J., "Tele-Nicer-Slicer-Dicer: A New Tool for the Visualization of Large Volumetric Data", Biomedical Imaging Group, pp. 1-7, (7 pages).
	AAAS	53	Hansen, W. and Consortium, A. "Andrew as a Multiple Environment for Visual Languages", IEEE, 1993, pp. 256-260, (5 pages).

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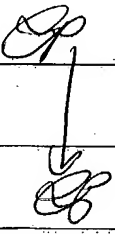
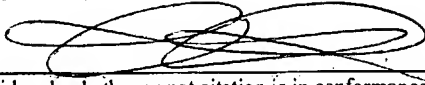
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	AAAR	<u>53</u>	Doyle, M., "A Knowledge Management Enviroment through the World Wide Web", 01/07/1994				
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
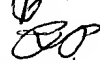
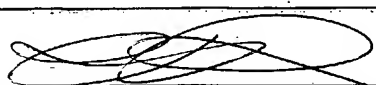
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
	AAAQ	53	Ang, C., Martin, D. and Doyle, M., "Integrated Control of Distributed Volume Visualization Through the World-Wide Web", 1994, pp. 1-10 (10 pages).				
	AAAR	53	Hume, Tom, "WAP: Where we've come from, where we are, where we're going" Available online at <a href="http://www.tomhume.org/stories/2002/02/04wapWhereWeveComeFromWhereWeAreW...">http://www.tomhume.org/stories/2002/02/04wapWhereWeveComeFromWhereWeAreW...</a> , (18 pagers)				
	AAAS	53	Goldman, Chris, "Browsing for Perfection", ARC Group in the Press, February 1, 2001, Available online at <a href="http://www.arcgroup.com/homepage.nsf/PRSARC/ar010201">http://www.arcgroup.com/homepage.nsf/PRSARC/ar010201</a> , (4 pages).				
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	APPLICANT: Richard H. Wagner	
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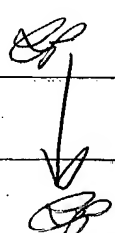
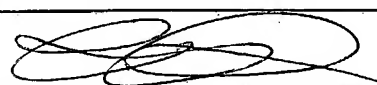
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
	AAAQ	53	"Handheld Devices Markup Language (HDMI.) specifications", April 11, 1997, Available on line at <a href="http://www.w3.org/TR/hdm120-3.html">http://www.w3.org/TR/hdm120-3.html</a> through <a href="http://www.w3.org/TR/hdm120-9.html">http://www.w3.org/TR/hdm120-9.html</a> , (33 pages).				
	AAAR	53	Hinden, R., "Simple Internet Protocol Plus White Paper", Network Working Group, October 1994, Available online at <a href="ftp://ftp.rfc-editor.org/innotes/rfc1710.txt">ftp://ftp.rfc-editor.org/innotes/rfc1710.txt</a> , (22 pages).				
	AAAS	53	McCarthy, Vance, "Novell to link wireless laptops, PDA's to LANs (portable computers, personal digital assistants, local area networks)" InfoWorld, September 13, 1993, v15 n37 pg, (2 pages).				
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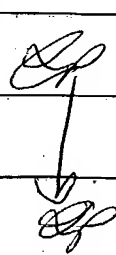
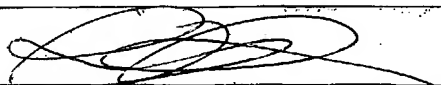
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 	AAAQ	53	Schwartz, Barry K. and Stephen B. Weinstein, "Dual-Media Messaging Using Screen Telephones on the Telephone Network", Bell Communications Research, IEEE 1993, pp. 1183-1188, (6 pages).				
	AAAR	53	Verjinski, Richard D., "PHASE, A Portable Host Access System Environment", Unisys Defense Systems, IEEE 1989, pp. 806-809, (4 pages).				
	AAAS	53	Klemets, Anders, Gerald Q. Maguire, Frank Reichert, and Mark T. Smith, "MINT-A Mobile Internet Router", IEEE 1993, pp. 70-74, (5 pages).				
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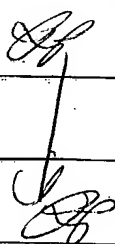
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	AAAQ	53	Perkins, Charles E. and Pravin Bhagwat, "A Mobile Networking System based on Internet Protocol", IEEE Personal Communications, First Quarter 1994, pp. 32-41, (10 pages).				
	AAAR	53	Connolly, T., P. Amer, and P. Conrad, "An Extension to TCP: Partial Order Service", Network Working Group, November 1994, Available online at <a href="ftp://ftp.rfc-editor.org/in-notes/rfc1693.txt">ftp://ftp.rfc-editor.org/in-notes/rfc1693.txt</a> , (14 pages).				
	AAAS	53	Furniss, P., "Octet Sequences for Upper-Layer OSI to Support Basic Communications Applications", Networking Group, October 1994, Available online at <a href="ftp://ftp.rfc-editor.org/in-notes/rfc1698.txt">ftp://ftp.rfc-editor.org/in-notes/rfc1698.txt</a> , (28 pages)				
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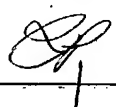
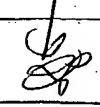
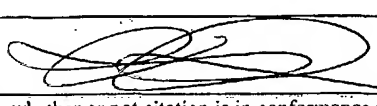
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	AAAQ	53	Graves, C., T. Butts, and M. Angel, "TN3270 Extensions for LUsername and Printer Selection", Network Working Group, July 1994, Available online at <a href="ftp://ftp.rfc-editor.org/in-notes/rfc161646.txt">ftp://ftp.rfc-editor.org/in-notes/rfc161646.txt</a> , (13 pages).				
	AAAR	53	Klensin, J., N. Freed, M. Rose, E. Stefferud, and D. Crocker, "SMTP Service Extensions", Network Working Group, February 1993, Available online at <a href="ftp://ftp.rfc-editor.org/in-notes/rfc1425.txt">ftp://ftp.rfc-editor.org/in-notes/rfc1425.txt</a> , (10 pages).				
	AAAS	53	Wang, Z., "EIP: The Extended Internet Protocol A Framework for Maintaining Backward Compatibility", Network Working Group, November 1992, Available online at <a href="ftp://ftp.rfc-editor.org/in-notes/rfc1385.txt">ftp://ftp.rfc-editor.org/in-notes/rfc1385.txt</a> , (16 pages).				
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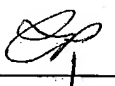


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	AAAQ	53	Gwinn, A., "Simple Network Paging Protocol-Version 2", Network Working Group, July 1994, Available online at <a href="ftp://ftp.rfc-editor.org/in-notes/rfc1645.txt">ftp://ftp.rfc-editor.org/in-notes/rfc1645.txt</a> , (15 pages).				
	AAAR	53	Braden, B., J. Postel, and Y. Rekhter, "Internet Architecture Extensions for Shared Media", Network Working Group, May 1994, Available online at <a href="ftp://ftp.rfc-editor.org/in-notes/rfc1620.txt">ftp://ftp.rfc-editor.org/in-notes/rfc1620.txt</a> , (18 pages).				
	AAAS	53	Delgrossi, Luca, Christian Halstrick, Ralf Guido Herrtwich, and Heinrich Stüttgen, "HeiTP - A Transport Protocol for ST-II," IBM European Networking Center, IEEE. 1992, pp. 1369-1373, (5 pages).				
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
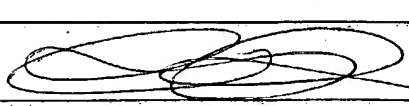
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	AAAQ	53	Tsang, P. W. M. and R. W. C. Wang, "Development of a Distributive Lighting Control System Using Local Operating Network," IEEE Transactions on Consumer Electronics, Vol. 40, No. 4, November 1994, (11 pages).				
	AAAR	53	Adomeit, Reinhard and Bernhard Holtkamp, "A Reference Framework for Integrated POI/POS Systems," Fraunhofer Institute for Software Engineering and Systems Engineering, (4 pages).				
	AAAS	53	Caneve, Maurizio, and Roberto Gagliardi, "A WAIS-Based Hypermedia Document System," (4 pages).				
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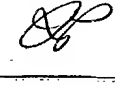
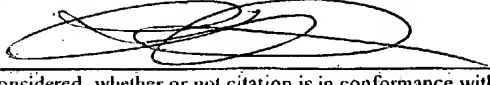
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	AAAR	53	Schmidt, Claudia, Burkhard Stiller, and Martina Zitterbart, "Towards Flexible Service-integrated Communication Subsystems," July 1, 1994, (4 pages).				
	AAAS	53	Plagemann, Thomas, Janusz Wacławczyk, and Bernhard Plattner, "Management of Configurable Protocols for Multimedia Applications," (4 pages).				
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	AAAQ	53	"Frame relay attracts chains; networks at Kash N' Karry, Office Max (network communications protocol)," Chain Store Age Executive with Shopping Center Age, December 1994 v70, (4 pages).				
	AAAR	53	Cummings, Joanne, "What's Hot What's Not '95," Network World, December 26, 1994/January 2, 1995, (5 pages).				
	AAAS	53	Aronin, Mindy, "XcelleNet launches fifth-generation RemoteWare 2.0 for remote and mobile applications," Business Wire, November 28, 1994, (4 pages).				
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	AAAQ	53	Baum, David, "Designing mobile applications (case studies of companies developing mobile programs)," InfoWorld, November 28, 1994 v16 n48 p73, (7 pages).				
	AAAR	53	Moeller, Michael, "Wireless standard to ease application portability; extensions will provide a common layer for CDPD, RAM, Ardis software," PC Week, November 21, 1994 v11 n46 p1, (3 pages).				
	AAAS	53	Petreley, Nicholas, Nancy Durlister, and Laura Wonnacott, "The interoperability headache: linking disparate clients and servers," InfoWorld, November 15, 1993 v15 n46 p124, (12 pages).				
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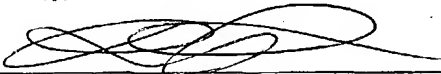


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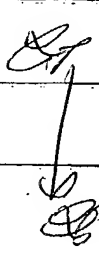
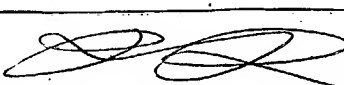
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	AAAR	53	Rescorla et al., "The Secure HyperText Transfer Protocol", Network Working Group, © August 1999, (42 pages).
	AAAS	53	Berners-Lee et al., "HyperText Markup Language Specification - 2.0", November 29, 1994, Available online at <a href="http://marc.merlins.org/~merlin/htmllearn/html2.html">http://marc.merlins.org/~merlin/htmllearn/html2.html</a> , August 21, 2002, (69 pages).

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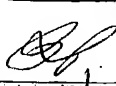
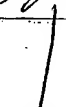

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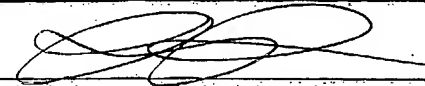
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	AAAM						Yes No
	AAAN						Yes No
	AAAO						Yes No
	AAAP						Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
	AAAQ	53	Raggett, Dave, "HyperText Markup Language Specification Version 3.0", March 28, 1995, Available online at <a href="http://www.w3.org/MarkUp/html3/html3.txt">http://www.w3.org/MarkUp/html3/html3.txt</a> , August 21, 2002, (181 pages).				
	AAAR	53	Merle et al., "Integration of heterogeneous environments: World Wide Web, Smart Card and Corba," Date Unknown, (16 pages).				
	AAAS	53	"ProSolutions, Inc. ASP vs. CGI 'Active Server Pages (ASP) Technology'", E Business Solutions, © 1995-2002, Available online at <a href="http://www.prosolutionsinc.com/asp.htm">http://www.prosolutionsinc.com/asp.htm</a> , May 8, 2002, (2 pages).				
EXAMINER					DATE CONSIDERED		
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.							

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO.: 1714-0012	SERIAL NO.: To be assigned
	APPLICANT: Richard H. Wagner	
	FILED: Herewith	GROUP ART UNIT: To be assigned

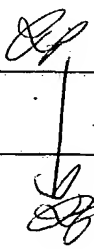
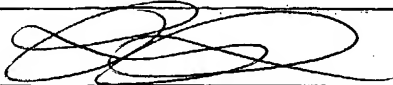
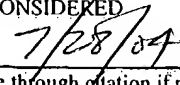
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
	AAAQ	53	Kirby et al., "Developing JDBC Servlet Applications", Dynamic Information Systems Corporation, Available online at <a href="http://www.disc.com/jdbc-serv.html">http://www.disc.com/jdbc-serv.html</a> , May 8, 2002, (12 pages).				
	AAAR	53	Pasian et al., "A Generalized Mosaic-to-SQL Interface with Extensions to Distributed Archives", Astronomical Data Analysis Software and Systems IV ASP Conference Series, Volume 77, 1995, Available online at <a href="http://www.stsci.edu/stsci/meetings/adassIV/pasianf.html">http://www.stsci.edu/stsci/meetings/adassIV/pasianf.html</a> , May 7, 2002, (5 pages).				
	AAAS	53	Ng, Jason, "GSQL - a Mosaic-SQL gateway", December 1993, Available online at <a href="http://archive.ncsa.uiuc.edu/SDG/People/jason/pub/gsql/starthere.html">http://archive.ncsa.uiuc.edu/SDG/People/jason/pub/gsql/starthere.html</a> , May 7, 2002, (16 pages).				

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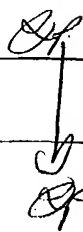
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	AAAO						Yes No
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
	AAAQ	53	Rasmussen, B. F., "WDB---A Web Interface to Sybase", Astronomical Data Analysis Software and Systems IV ASP Conference Series, Volume 77, 1995, Available online at <a href="http://www.stsci.edu/stsci/meetings/addasIV/rasmussenb.html">http://www.stsci.edu/stsci/meetings/addasIV/rasmussenb.html</a> , May 7, 2002, (7 pages) .				
	AAAR	53	Connolly, Daniel W., "Paul Burchard on HTML 2.0 FORMs", July 11, 1994, Available online at <a href="http://lists.w3.org/Archives/Public/www-html/1994Jul/0014.html">http://lists.w3.org/Archives/Public/www-html/1994Jul/0014.html</a> , December 3, 2001, (6 pages).				
	AAAS	53	Hackborn, Dianne, "Re: Java Applet element proposal", June 8, 1995, Available online at <a href="http://ksi.cpsc.ucalgary.ca/archives/HTML-WG/html-wg-95q2.messages/1228.html">http://ksi.cpsc.ucalgary.ca/archives/HTML-WG/html-wg-95q2.messages/1228.html</a> , November 1, 2001, (2 pages).				
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## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AAAQ	53	Kaye, Walter Ian, "Re: Protocol registry? (fwd. Java Applet element proposal)", June 5, 1995, Available online at <a href="http://lists.w3.org/Archives/Public/www-html/1995Jun/0069.html">http://lists.w3.org/Archives/Public/www-html/1995Jun/0069.html</a> , August 14, 2001, (3 pages).
	AAAR	53	"The APP HTML Tag", Hot Java, Sun Microsystems, Inc., © 1995, Available online at April 24, 2002, (2 pages).
	AAAS	53	Yourdon, Edward, "Java and the new Internet programming paradigm", August 1996, Available online at <a href="http://www.javaworld.com/javaworld/jw-08-1996/jw-08-yourdonbook_p.html">http://www.javaworld.com/javaworld/jw-08-1996/jw-08-yourdonbook_p.html</a> , April 29, 2002, (20 pages).




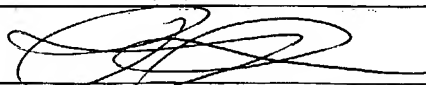
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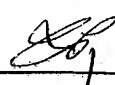

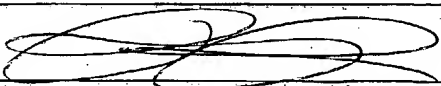
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	AAAO						Yes No
	AAAP						Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
	AAAQ	53	Merckling et al., "Smart Card Introduction", March 1994, Available online at <a href="http://www.opengroup.org/rfc/mirror-rfc/rfc57.0.txt">http://www.opengroup.org/rfc/mirror-rfc/rfc57.0.txt</a> , March 1, 2001, (16 pages).				
	AAAR	53	Bellovin et al., "Limitations of the Kerberos Authentication System", USENIX, 1991, (16 pages).				
	AAAS	53	"Guideline for the Use of Advanced Authentication Technology Alternatives", Federal Information Processing Standards Publication 190, September 28, 1994, Available online at <a href="http://www.itl.nist.gov/fipspubs/fip190.htm">http://www.itl.nist.gov/fipspubs/fip190.htm</a> , March 21, 2002, (49 pages).				
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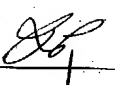

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
	AAAQ	53	"HTML + (Hypertext markup format)", November 8, 1993, Available online at <a href="http://www.w3.org/MarkUp/HTMLPlus/htmlplus_2.html">http://www.w3.org/MarkUp/HTMLPlus/htmlplus_2.html</a> , March 28, 2002, (89 pages).
	AAAR	53	Everhart, Craig, "Re: Interesting uses of networking", June 11, 1990, Available online at <a href="http://www.cs.ucsd.edu/users/bsy/coke.history.txt">http://www.cs.ucsd.edu/users/bsy/coke.history.txt</a> , September 17, 2002 (4 pages).
	AAAS	53	Kotanchik, J., "Kerberos and Two-Factor Authentication", Security Dynamics, March 1994, (11 pages).
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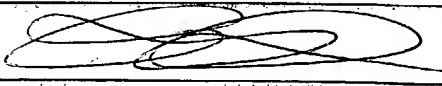
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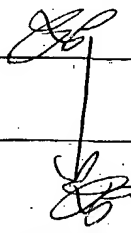

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AAAQ	53	McLaughlin, L. III, ed., "Line Printer Daemon Protocol", Network Printing Working Group, August 1990, Available online at <a href="http://www.ietf.org/rfc/rfc1179.txt">http://www.ietf.org/rfc/rfc1179.txt</a> , September 17, 2002, (14 pages).
	AAAR	53	Gutfreund, Yechezkal-Shimon, "Mosaic Accessories", January 26, 1994, Available online at <a href="file://C:\WINDOWS\TEMP\WWW-Talk%20Jan-Mar%201994%20Mosaic%20Accessories.htm">file://C:\WINDOWS\TEMP\WWW-Talk%20Jan-Mar%201994%20Mosaic%20Accessories.htm</a> , April 1, 2002, (8 pages).
	AAAS	53	Geßler et al., "PDAs as mobile WWW browsers", Date Unknown, Telecooperation Office, University of Karlsruhe, Available online at <a href="file://C:\WINDOWS\TEMP\gwpring\PDAs%20as%20mobile%20WWW%20browsers.htm">file://C:\WINDOWS\TEMP\gwpring\PDAs%20as%20mobile%20WWW%20browsers.htm</a> , March 28, 2002, (9 pages).

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	AAAQ	53	Malamud et al., "Principles of Operation for the TPC.INT Subdomain: Remote Printing -- Technical Procedures", Dover Beach Consulting, Inc., October 1993, (11 pages).				
	AAAR	53	Louis, Tristan, "Java on the Menu: Causing Jitters?," June 1995, Available online at <a href="http://www.tnl.net/who/bibliography/javajitters.asp">http://www.tnl.net/who/bibliography/javajitters.asp</a> , April 29, 2002, (2 pages).				
	AAAS	53	Allen, Terry, "Java Applet element proposal," June 1, 1995, Available online at <a href="http://ksi.cpsc.ucalgary.ca/archives/HTML-WG/html-wg-95q2.messages/1119.html">http://ksi.cpsc.ucalgary.ca/archives/HTML-WG/html-wg-95q2.messages/1119.html</a> , November 16, 2001, (4 pages).				
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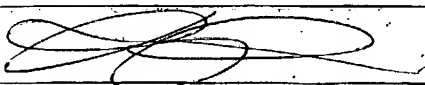
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	AAAQ	53	"The Smart Card Cashes In", The Economist, January 29, 1994 (2 pages).
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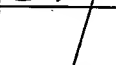

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		APPLICANT: Richard H. Wagner	
	FILED: July 7, 2003	GROUP ART UNIT: To be assigned	


U.S. PATENT DOCUMENTS							
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	AQ	1	"Viola in a Nutshell: The Viola World Wide Web Toolkit", <a href="http://www.xcf.berkeley.edu/~wei/viola/book/">http://www.xcf.berkeley.edu/~wei/viola/book/</a> , April 1995 (176 pages). ✓
	AR	1	O'Reilly & Associates, Inc., ViolaWWW, Version 3.3 Beta, Features List, <a href="http://www.xcf.berkeley.edu/~wei/viola/README.txt">http://www.xcf.berkeley.edu/~wei/viola/README.txt</a> , April 10, 1995 (2 pages). ✓
	AS	1	Wei, Pei, "A Brief Overview of the VIOLA Engine, and its Applications", <a href="http://www.xcf.berkeley.edu/~wei/viola/violaIntro.html">http://www.xcf.berkeley.edu/~wei/viola/violaIntro.html</a> , August 16, 1994, (13 pages).

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


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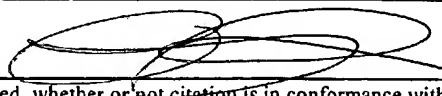

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	BN						Yes No
	BO						Yes No
	BP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	BQ	2	Wei, Pei, "WWW Browsers: Extensibility Issues", O'Reilly & Associates, September 20, 1994, (13 pages).
	BR	2	"Basic HTTP as defined in 1992", W3C, <a href="http://www.w3.org/Protocols/HTTP/HTTP2.html">http://www.w3.org/Protocols/HTTP/HTTP2.html</a> , 1992, (125 pages).
	BS	2	McCool, Rob, "CGI/1.0: last call", December 4, 1993 (1 page).




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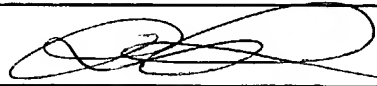
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FOREIGN PATENT DOCUMENTS							
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

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	BR	<u>3</u>	Masinter, Larry, "Naming and resource location", Stanford Computer Forum WWW Workshop, 09/20/1994, (1 page).
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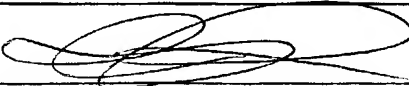
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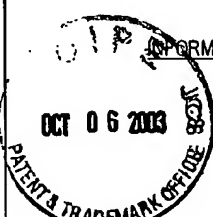
 FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO.: 1714-0012	SERIAL NO.: 10/614,398
	APPLICANT: Richard H. Wagner	
	FILED: July 7, 2003	GROUP ART UNIT: To be assigned



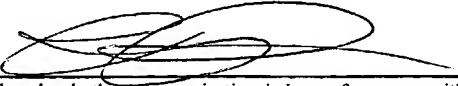
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
	BQ	4	Winograd, Terry, "Web Structure and Meta-Information", Stanford Computer Forum WWW Workshop, 09/20/1994, (1 page).
	BR	4	Shafrir, Eviatar, "Interacting with Information", Stanford Computer Forum WWW Workshop, <a href="http://www-ped.stanford.edu/workshop/abstracts/shafrir.html">http://www-ped.stanford.edu/workshop/abstracts/shafrir.html</a> , 09/20/1994 (2 pages).
	BS	4	Gruber, Tom, "Virtual Documents", Stanford Computer Forum WWW Workshop, 09/20/1994, (21 pages).

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 	BQ	<u>5</u>	Keller, Arthur M., "CIT's Work on CommerceNet", Center for Information Technology, Stanford University, <a href="http://cit.stanford.edu/cit/comercenet.html">http://cit.stanford.edu/cit/comercenet.html</a> , 10/1994, (6 pages). ✓				
	BR	<u>5</u>	Shapiro, Ehud, "Enhancing the WWW with co-presence", Stanford Computer Forum WWW Workshop, 09/20/1994, (9 pages). ✓				
	BS	<u>5</u>	"Readings for Stanford WWW Workshop", Stanford Computer Forum, <a href="http://www-pcd.stanford.edu/workshop/readings.html">http://www-pcd.stanford.edu/workshop/readings.html</a> , 09/20/1994, (3 pages). ✓				
EXAMINER					DATE CONSIDERED		
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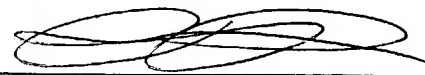
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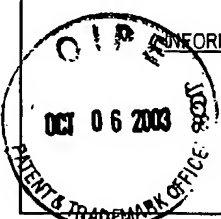
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## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	BQ	<u>6</u>	"WorldWideWeb-Summary", <a href="http://www.w3.org/Summary.html">http://www.w3.org/Summary.html</a> , 1992, (2 pages).
	BR	<u>6</u>	"The Original HTTP as defined in 1991", <a href="http://www.w3.org/Protocols/HTTP/AsImplemented.html">http://www.w3.org/Protocols/HTTP/AsImplemented.html</a> , 1991, (2 pages).
	BS	<u>6</u>	"WorldWide Web Seminar", <a href="http://www.w3.org/Talks/General/About.html">http://www.w3.org/Talks/General/About.html</a> , 1993, (15 pages).

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

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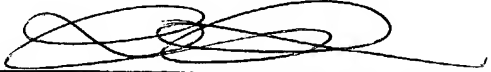
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	BQ	1	White, Sean, "Online Communities on the WWW", Stanford Computer Forum WWW Workshop, 09/20/1994, (1 page).
	BR	1	"The Common Gateway Interface", <a href="http://hoohoo.ncsa.uiuc.edu/cgi/">http://hoohoo.ncsa.uiuc.edu/cgi/</a> , 1994, (23 pages).
	BS	1	"W3C: Object MetaInformation", <a href="http://www.w3.org/Protocols/HTTP/Object-Headers.html">http://www.w3.org/Protocols/HTTP/Object-Headers.html</a> , 1992, (9 pages).

EXAMINER		DATE CONSIDERED	7/28/04
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FORM PTO-1449

## INFORMATION DISCLOSURE STATEMENT

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APPLICANT: Richard H. Wagner

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GROUP ART UNIT: To be assigned

## U.S. PATENT DOCUMENTS

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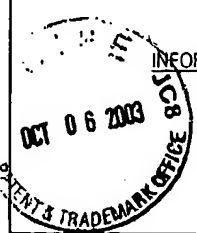
	BQ	8	"Hypertext Markup Language (HTML)", <a href="http://www.w3.org/MarkUp/1995-archive/">http://www.w3.org/MarkUp/1995-archive/</a> , 1995, (66 pages).
	BR	8	McCool, Rob, "Re: CGP/1.0 specification", November 19, 1993 (2 pages).
	BS	8	McCool, Rob, "Revised CG1/1.0 specification", November 19, 1993, <a href="http://www.webhistory.org/www-talk.1993q4/0540.html">http://www.webhistory.org/www-talk.1993q4/0540.html</a> , (1 page).

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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
	BQ	2	Citation List of References noting "The Common Gateway Interface", CiteSeer, 2002, (6 pages).
	BR	2	Robinson, David and Coar, Ken, "The Common Gateway Interface (CGI) Version 1.1", 04/16/2003, ( 30 pages).
	BS	2	Varela, Carlos and Hayes, Carolinc, "Providing Data on the Web: From Examples to Programs", Dept. Computer Science, University of Illinois at Urbana-Champaign, <a href="http://archive.ncsa.uiuc.edu/SDG/IT94/Proceedings/DDay/varela/">http://archive.ncsa.uiuc.edu/SDG/IT94/Proceedings/DDay/varela/</a> , 10/17/1994, (26 pages).


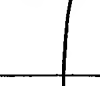

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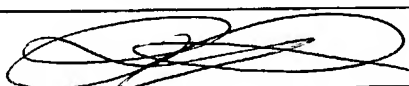
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
	BQ	10	Dynamic Information Systems Corporation, "Developing JDBC Servlet Applications", <a href="http://www.disc.com/jdbcserv.html">http://www.disc.com/jdbcserv.html</a> , 05/08/2002, (12 pages)
	BR	10	ProSolutions, Inc. Active Server Pages (ASP) Technology", <a href="http://www.prosolutionsinc.com/asp.htm">http://www.prosolutionsinc.com/asp.htm</a> , 2002, (2 pages).
	BS	10	Rasmussen, B.F., "WDB—A Web Interface to Sybase", <a href="http://www.stsci.edu/stsci/meetings/adass1V/rasmussenb.html">http://www.stsci.edu/stsci/meetings/adass1V/rasmussenb.html</a> , 1995, (4 pages).

EXAMINER		DATE CONSIDERED 7/28/04
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	APPLICANT: Richard H. Wagner	
	FILED: July 7, 2003	GROUP ART UNIT: 2182

## U.S. PATENT DOCUMENTS

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	AA	5,590,133	12/31/1996	Billstrom et al.			
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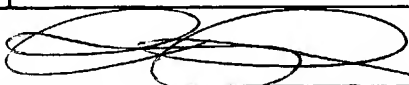
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## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AQ	1	Geoffrey M. Voelker and Brian N. Bershad - "Mobisaic: An Information System for a Mobile Wireless Computing Environment"; September 19, 1994; available online at <a href="http://www.cs.ucsd.edu/users/voelker/pubs/mobisaic-MCSA94.pdf">http://www.cs.ucsd.edu/users/voelker/pubs/mobisaic-MCSA94.pdf</a>
	AR	1	M. Frans Kaashoek, Tom Pinckney and Joshua A. Tauber - "Dynamic Documents: Mobile Wireless Access to the WWW"; December, 1994; available online at <a href="http://216.239.57.104/search?q=cache:pG8Y_Zirm6QJ:www.pdos.lcs.mit.edu/papers/wmcsa94.ps+Dynamic+Documents:+Mobile+Wireless+Access+to+the+www&amp;hl=en">http://216.239.57.104/search?q=cache:pG8Y_Zirm6QJ:www.pdos.lcs.mit.edu/papers/wmcsa94.ps+Dynamic+Documents:+Mobile+Wireless+Access+to+the+www&amp;hl=en</a>
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